

What is claimed is:

1. A music piece data managing apparatus comprising:

a storage part for storing music piece data and management data associated therewith in a manner allowing additional writing;

a display part for displaying the management data stored in said storage part and displaying a message to prompt an input operation for instructing an order of reproduction of said music piece data;

a reproducing order generating part for forming reproducing order data to determine an order of reproduction of music pieces based on said input operation; and

a data transfer part for transferring said reproducing order data by a data transfer media.

2. An apparatus according to claim 1, wherein said reproducing order generating part rearranges said management data in accordance with the reproducing order of the music pieces and allocates edition numbers representing the order of reproduction to said management data, thereby forming the reproducing order data.

3. An apparatus according to claim 1, wherein

said management data includes a music piece name of the music piece data, data indicative of attributes of said music piece, and a memory address indicative of a storing position of said music piece data in said storage part, and

said reproducing order generating part forms the

reproducing order data for determining an order of reproduction of the music piece data with respect to each of said music piece names, attribute data, or said memory addresses based on said input operation.

4. An apparatus according to claim 2, wherein

said management data includes a music piece name of the music piece data, data indicative of attributes of said music piece, and a memory address indicative of a storing position of said music piece data in said storage part, and

said reproducing order generating part forms the reproducing order data for determining an order of reproduction of the music piece data with respect to each of said music piece names, attribute data, or said memory addresses based on said input operation.

5. An apparatus according to any one of claims 1 to 4, wherein

said reproducing order generating part generates said reproducing order data and adds additional writing data comprising the music piece data and the management data associated therewith which have been additionally written onto said storage part to said formed reproducing order data, and

said data transfer part transfers the reproducing order data to which said additional writing data has been added by said data transfer media.

6. An apparatus according to any one of claims 1 to 4, wherein a portable data recording medium is used as said

data transfer media.

7. An apparatus according to claim 5, wherein a portable data recording medium is used as said data transfer media.

8. An in-vehicle audio information reproducing apparatus comprising:

a storage part for storing music piece data and management data copied from a music piece data managing apparatus which stores the music piece data and the management data;

a transfer data reading part for reading the reproducing order data transferred by said data transfer media; and

a reproduction control part for collating the reproducing order data read by said transfer data reading part with the management data stored in said storage part and controlling reproduction of the music piece data stored in said storage part based on the order of reproduction designated by said reproducing order data.

9. An apparatus according to claim 8, wherein

when the reproducing order data to which additional writing data has been added is read, said transfer data reading part notifies said storage part of said reproducing order data, and

said storage part stores the music piece data included in said additional writing data based on an address indicated by the management data included in said additional writing data.

10. An apparatus according to claim 8 or 9, further comprising a display part for displaying said reproducing order data read by said transfer data reading part.

11. An in-vehicle audio information reproduction control system comprising the music piece data managing apparatus according to any one of claims 1 to 4 and an in-vehicle audio information reproducing apparatus which comprises:

a storage part for storing music piece data and management data copied from a music piece data managing apparatus which stores the music piece data and the management data;

a transfer data reading part for reading the reproducing order data transferred by said data transfer media; and

a reproduction control part for collating the reproducing order data read by said transfer data reading part with the management data stored in said storage part and controlling reproduction of the music piece data stored in said storage part based on the order of reproduction designated by said reproducing order data.

12. An in-vehicle audio information reproduction control system comprising the music piece data managing apparatus according to any one of claims 1 to 4 and an in-vehicle audio information reproducing apparatus which comprises:

a storage part for storing music piece data and management data copied from a music piece data managing apparatus which stores the music piece data and the

management data;

a transfer data reading part for reading the reproducing order data transferred by said data transfer media; and

a reproduction control part for collating the reproducing order data read by said transfer data reading part with the management data stored in said storage part and controlling reproduction of the music piece data stored in said storage part based on the order of reproduction designated by said reproducing order data, wherein

when the reproducing order data to which additional writing data has been added is read, said transfer data reading part notifies said storage part of said reproducing order data, and

said storage part stores the music piece data included in said additional writing data based on an address indicated by the management data included in said additional writing data.

09082796-102201